



14421 County Rd. 10 • Ft. Lupton, Colorado 80621 • (303) 857-9999 • FAX (303) 857-0577 • E-MAIL Permitco 1@aol.com

---

**August 8, 2006**

**Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801  
Attn: Minerals**

**Re: Gasco Production Company  
Federal #32-19-9-19  
2043' FNL and 2133' FEL  
SW NE Section 19, T9S - R19E  
Uintah County, Utah**

**Gentlemen:**

**Enclosed please find one copy of the Application for Permit to Drill, along with one copy of the Onshore Order No. 1 which was filed with the BLM in Vernal, Utah.**

**If you should need additional information, please don't hesitate to contact me. Approved copies of the A.P.D. should be sent to Permitco Inc. at the address shown above.**

**Sincerely,**

**PERMITCO INC.**

**Venessa Langmacher  
Consultant for  
Gasco Production Company**

**RECEIVED**

**AUG 10 2006**

**Enc.**

**DIV. OF OIL, GAS & MINING**

**cc: Gasco Production Company - Englewood, CO  
Shawn Elworthy - Roosevelt, UT**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO.: <b>UTU-76033</b>	6. SURFACE: <b>BLM</b>
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>	
2. NAME OF OPERATOR: <b>Gasco Production Company</b>		8. UNIT or CA AGREEMENT NAME: <b>N/A</b>	
3. ADDRESS OF OPERATOR: <b>8 Inverness Drive East, Suite 100, Englewood, CO 80112</b>		9. WELL NAME and NUMBER: <b>Federal #32-19-9-19</b>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>2043' FNL and 2133' FEL</b> AT PROPOSED PRODUCING ZONE: <b>SW NE</b>		10. FIELD AND POOL, OR WILDCAT: <b>Parishette Bench</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>Approximately 27 miles southeast of Myton, UT</b>		12. COUNTY: <b>Uintah</b>	13. STATE: <b>Utah</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): <b>2043'</b>	16. NUMBER OF ACRES IN LEASE: <b>600.00</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40 Acres; SW NE</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): <b>None</b>	19. PROPOSED DEPTH: <b>13,060'</b>	20. BOND DESCRIPTION: <b>Bond #UT-1233</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>4840' GL</b>	22. APPROXIMATE DATE WORK WILL START: <b>ASAP</b>	23. ESTIMATED DURATION: <b>35 Days</b>	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8", H40, 48#	200'	200 sx Premium Type 5, 15.6 ppg, 1.18 yield
12-1/4"	8-5/8", J-55, 32#	3,528'	591 sx Hi-Lift, 11 ppg, 3.91 yield & 185 sx 10-2 RFC, 14.2 ppg, 1.63 yield
7-7/8"	4-1/2", P110, 13.5#	13,060'	523 sx Hi-Lift, 11.5 ppg, 3.05 yield & 1347 sx 50-50 Poz, 14.1 ppg, 1.28 yield

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PROGRAM                                |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

AGENT: PermitCo Inc.

AGENT'S PHONE NO.: 303-857-9999

NAME (PLEASE PRINT): Venessa Langmacher

TITLE: Agent for Gasco Production Company

SIGNATURE: *Venessa Langmacher*

DATE: August 8, 2006

(This space for State use only)

API NUMBER ASSIGNED: 43-047-38466

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 8-17-06

By: *[Signature]*

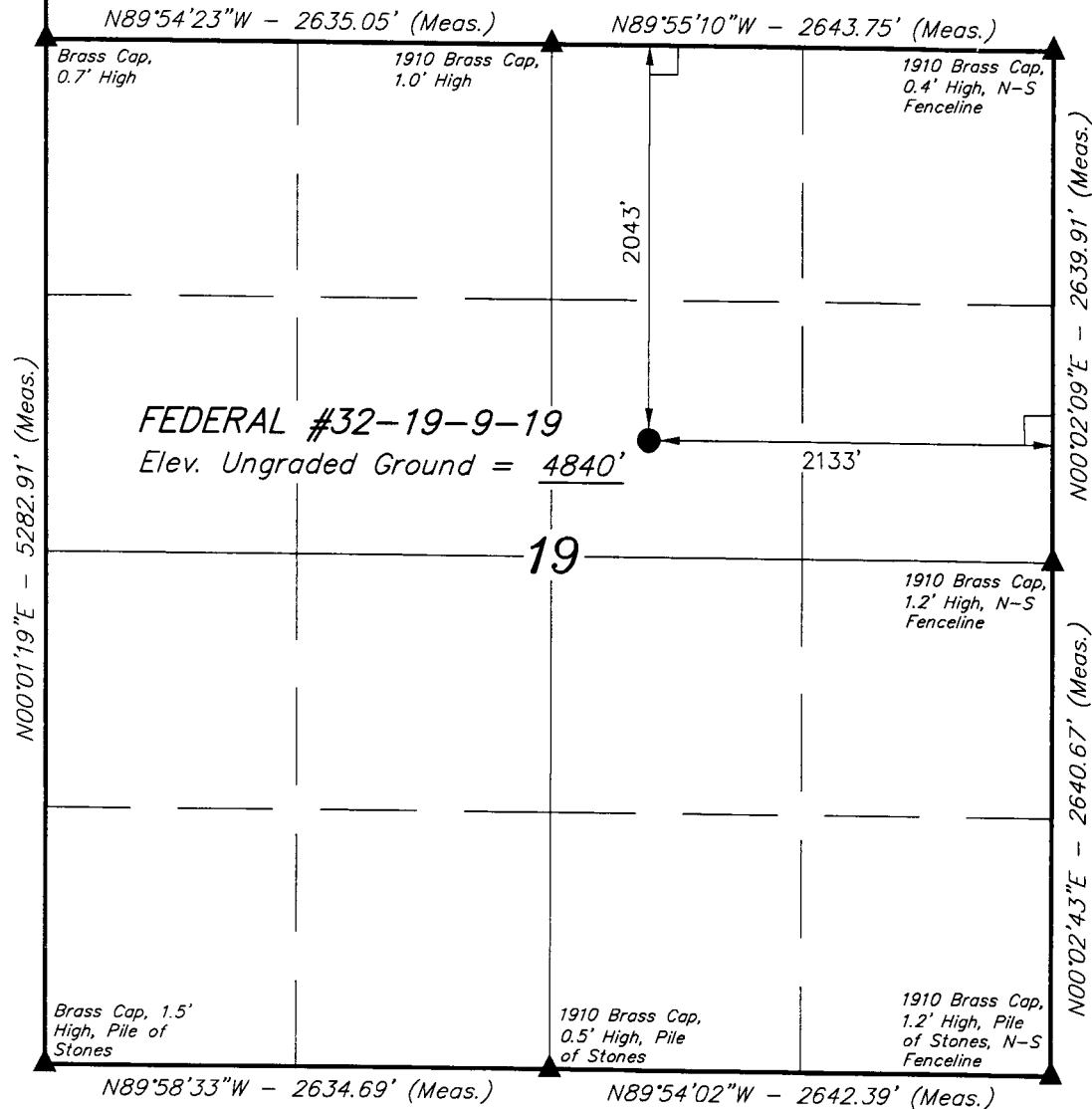
Federal Approval of this  
Action is Necessary

RECEIVED  
AUG 10 2006

DIV. OF OIL, GAS & MINING

R  
18  
E

T9S, R19E, S.L.B.&M.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)  
 LATITUDE = 40°01'04.98" (40.018050)  
 LONGITUDE = 109°49'16.91" (109.821364)  
 (AUTONOMOUS NAD 27)  
 LATITUDE = 40°01'05.11" (40.018086)  
 LONGITUDE = 109°49'14.40" (109.820667)

GASCO PRODUCTION COMPANY

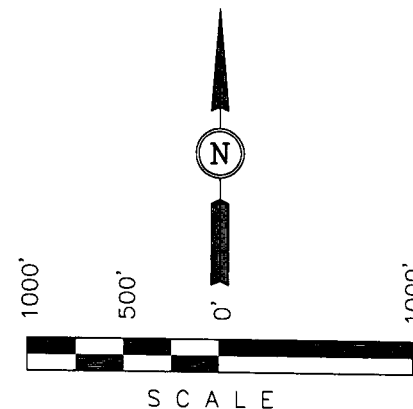
Well location, FEDERAL #32-19-9-19, located as shown in the SW 1/4 NE 1/4 of Section 19, T9S, R19E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 21, T9S, R19E, S.L.B.&M. TAKEN FROM THE UTELAND BUTTE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4711 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert H. Hays*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-07-05	DATE DRAWN: 09-14-05
PARTY J.W. C.W. P.M.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE GASCO PRODUCTION COMPANY	

**CONFIDENTIAL - TIGHT HOLE**

**ONSHORE OIL & GAS ORDER NO. 1**

**Approval of Operations on Onshore  
Federal and Indian Oil & Gas Leases**

**Federal #32-19-9-19  
2043' FNL and 2133' FEL  
SW NE Section 19, T9S - R19E  
Uintah County, Utah**

**Prepared For:**

**Gasco Production Company**

**By:**

**PERMITCO INC.  
14421 County Road 10  
Ft. Lupton, Colorado 80621  
303/857-9999**

**CONFIDENTIAL - TIGHT HOLE**

**Copies Sent To:**

- 3 - Bureau of Land Management - Vernal, UT**
- 1 - Utah Division of Oil, Gas & Mining - SLC, UT**
- 2 - Gasco Production Company - Englewood, CO**
- 1 - Shawn Elworthy - Roosevelt, UT**



## APPLICATION FOR PERMIT TO DRILL OR REENTER

### 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.  
**Attached.**
2. A Drilling Plan  
**Attached.**
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the Appropriate Forest Service Office.  
**See Surface Use Plan Attached.**
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20).  
**Bond coverage for this well is provided by Gasco Production Company under their BLM Bond No. Bond #UT-1233.**
5. Operator certification.  
**Please be advised that Gasco Production Company is considered to be the operator of the above mentioned well. Gasco Production Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.**
6. Such other site specific information and/or plans as may be required by the authorized officer.

ONSHORE ORDER NO. 1  
Gasco Production Company  
**Federal #32-19-9-19**  
2043' FNL and 2133' FEL  
SW NE Section 19, T9S - R19E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

**Lease No. UTU-76033**

**DRILLING PROGRAM**

Page 2

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS**

<i>Formation</i>	<i>Depth</i>	<i>Subsea</i>
Wasatch	5,525'	-675'
Mesaverde	9,325'	-4,475'
Castlegate	11,830'	-6,980'
Blackhawk	12,055'	-7,205'
Spring Canyon	12,760'	-7,910'
TD	13,060'	-8,210'

2. **ESTIMATED DEPTH OF ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:**

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Gas	Wasatch	5,700'-9,325'
Gas	Mesaverde	9,325'-11,830'
Gas	Blackhawk	12,055'-12,760'

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.



### **3. PRESSURE CONTROL EQUIPMENT**

Gasco Production Company's minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double with annular, 5000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.



BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 11", 5000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

**4. PROPOSED CASING AND CEMENTING PROGRAM:**

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.





- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.



ONSHORE ORDER NO. 1  
 Gasco Production Company  
**Federal #32-19-9-19**  
 2043' FNL and 2133' FEL  
 SW NE Section 19, T9S - R19E  
 Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

**Lease No. UTU-76033**

**DRILLING PROGRAM**

Page 6

- l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

- m. The proposed casing program will be as follows:

<b>Purpose</b>	<b>Depth</b>	<b>Hole Size</b>	<b>O.D.</b>	<b>Weight</b>	<b>Grade</b>	<b>Type</b>	<b>New/Used</b>
Conductor	0-200'	17-1/2"	13-3/8"	48#	H-40	---	New
Surface	0-3,528'	12-1/4"	8-5/8"	32#	J-55	ST&C	New
Production	0-13,060'	7-7/8"	4-1/2"	13.5#	P-110	LT&C	New

- n. Casing design subject to revision based on geologic conditions encountered.

- o. The cement program will be as follows:

<b>Conductor</b>	<b>Type and Amount</b>
Conductor	200 sx Premium Type 5 mixed @ 15.6 ppg, 1.18 yield
<b>Surface</b>	<b>Type and Amount</b>
TOC @ Surface	Lead: 591 sx Hi-Lift @ 11 ppg, 3.91 yield Tail: 185 sx 10-2 RFC @ 14.2 ppg, 1.63 yield
<b>Production</b>	<b>Type and Amount</b>
TOC @ 2,500'	Lead: 523 sx Hi-Lite @ 11.5 ppg, 3.05 yield Tail: 1347 sx 50:50 Poz @ 14.1 ppg, 1.28 yield

- p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.



- q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
- a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
- b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- s. Auxiliary equipment to be used is as follows:
1. Kelly cock
2. No bit float is deemed necessary.
3. A sub with a full opening valve.

**5. MUD PROGRAM**

- a. The proposed circulating mediums to be employed in drilling are as follows:

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>	<i>PH</i>
0' - 200'	Fresh Water	8.33	1	---	7
200' - 3,528'	Fresh Water	8.33	1	---	7-8
3,528' - TD	Fresh Water/DAP	9.0-11.5	30-40	12-20	8



There will be sufficient mud on location to control a blowout should one occur.  
A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

- b. Mud monitoring equipment to be used is as follows:
  - 1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.
- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- e. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

## **6. EVALUATION PROGRAM**

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated, however, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.



Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a Schlumberger Platform Express (or equivalent) to be run from base of surface casing to TD.
- c. No cores are anticipated.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cutting, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program is as follows: Perform multistage fracs and complete all productive Blackhawk, Mesaverde and Wasatch sands present in wellbore. Produce all zones commingled.
- f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

**7. ABNORMAL TEMPERATURES OR PRESSURES**

- a. The expected bottom hole pressure is 7314 psi. The maximum bottom hole temperature anticipated is 222 degrees F.
- b. No hydrogen sulfide gas is anticipated. Abnormal pressures will be controlled with mud weight and 5000# BOP and rotating head.



**8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS**

- a. Drilling is planned to commence on upon approval of this application.
- b. It is anticipated that the drilling of this well will take approximately 35 days.
- c. The BLM in Vernal, Utah shall be notified of the anticipated date of location construction commencement and of anticipated spud date.
- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- e. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.
- f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- g. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- h. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- i. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.



- j. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- k. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- l. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4.).
- m. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.
- o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.



ONSHORE ORDER NO. 1  
Gasco Production Company  
**Federal #32-19-9-19**  
2043' FNL and 2133' FEL  
SW NE Section 19, T9S - R19E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

**Lease No. UTU-76033**

**DRILLING PROGRAM**

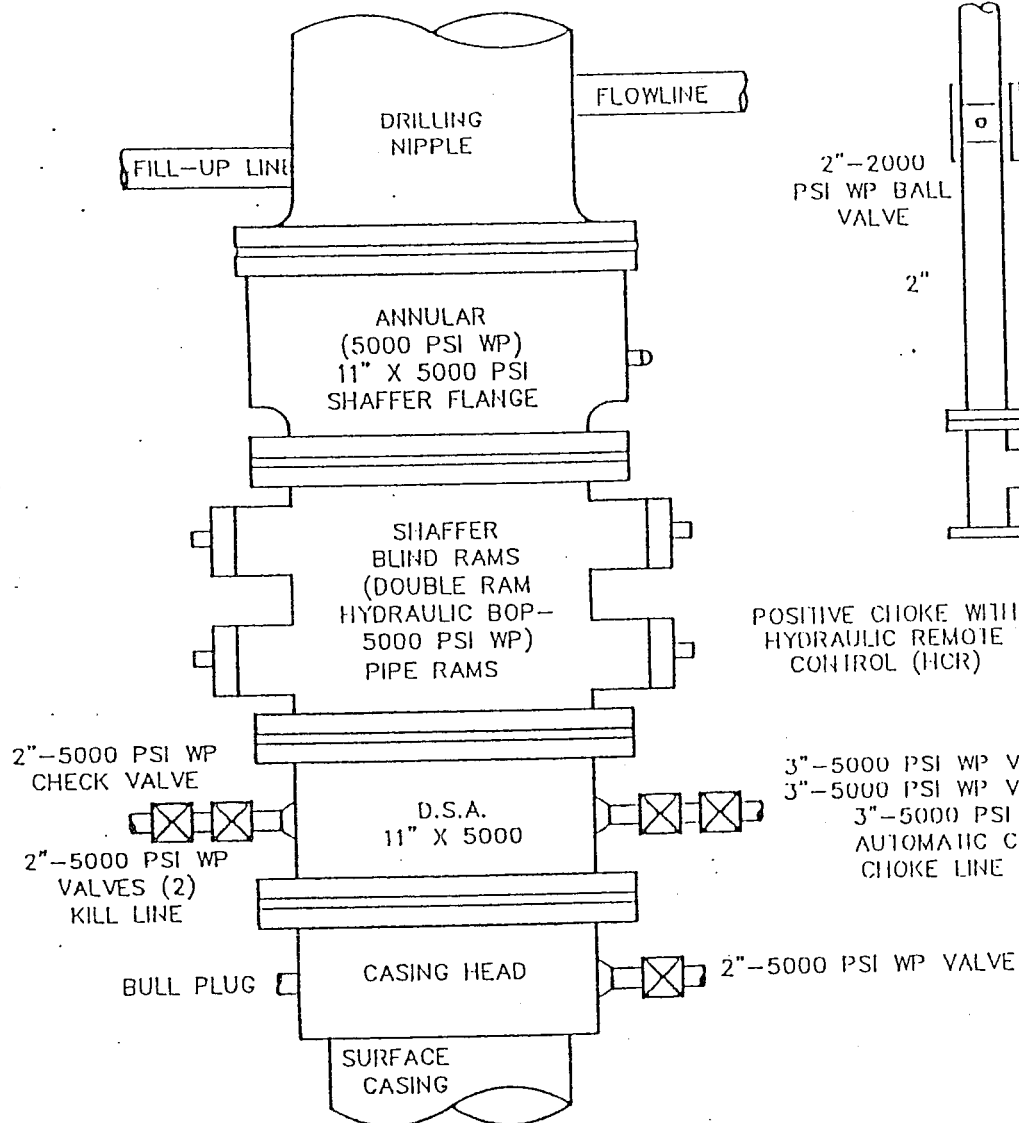
Page 12

Bureau of Land Management 170 South 500 East Vernal, Utah 84078 Phone: 435/781-4400 After Hours: Fax: 435/781-4410		
Matt Baker	Petroleum Engineer	435/828-4470
Michael Lee	Petroleum Engineer	435/828-7875

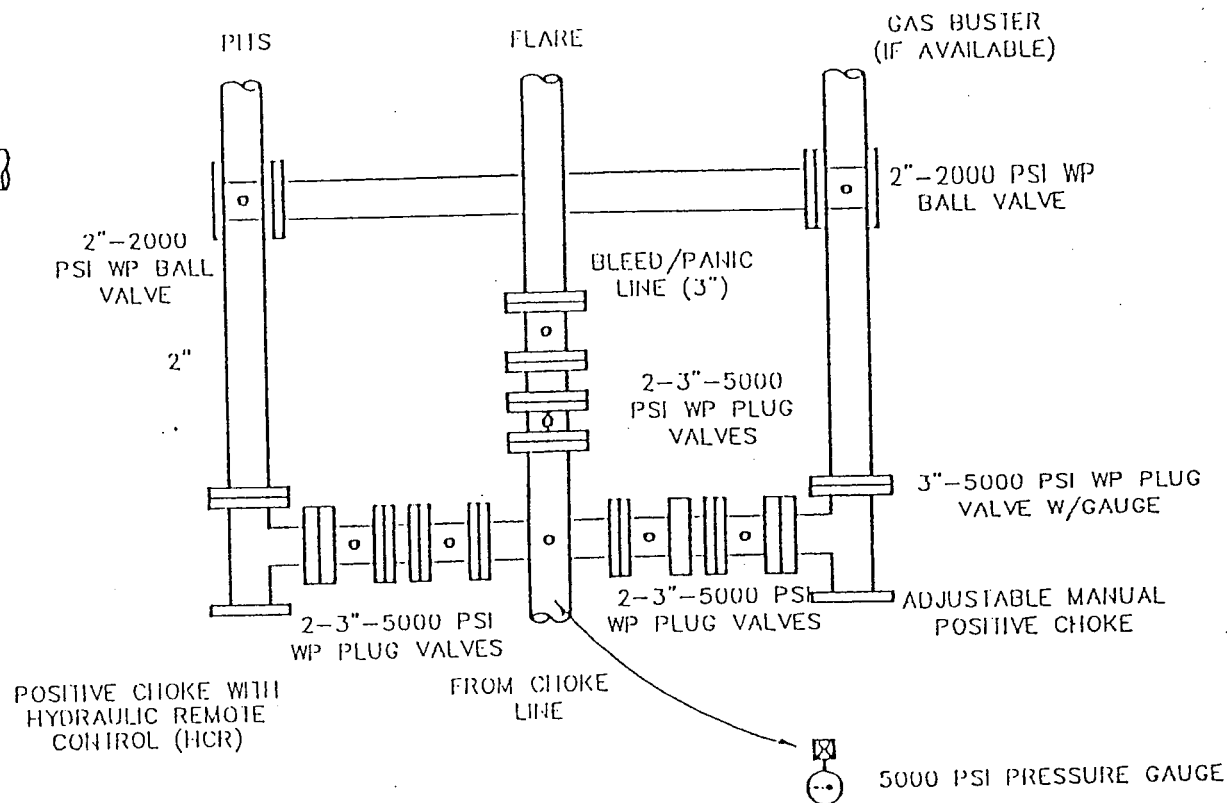




# BOP SCHEMATIC 5000 PSI WORKING PRESSURE



## PLAN VIEW CHOKING MANIFOLD



THE HYDRAULIC CLOSING UNIT WILL BE LOCATED MORE THAN 30' FROM THE WELLHEAD. CHOKE AND BLEED/PANIC LINES WILL GO TO THE PIT AND FLARE. ALL CONNECTIONS IN CHOKE LINES AND MANIFOLD WILL BE FLANGED OR WELDED. ALL FLANGES SHOULD BE RING JOINT GASKET TYPE. ALL TURNS IN LINES SHALL BE CONSTRUCTED USING TARGETING 90° TEES OR ELLS. ALL LINES SHALL BE ANCHORED.

**ONSHORE OIL & GAS ORDER NO. 1  
NOTIFICATION REQUIREMENTS**

Location Construction -		forty-eight (48) hours prior to construction of location and access roads.
Location Completion -		prior to moving on the drilling rig.
Spud Notice	-	at least twenty-four (24) hours prior to spudding the well.
Casing String and Cementing	-	twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related Equipment Tests	-	twenty-four (24) hours prior to initiating pressure tests.
First Production - Notice		within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

The onsite inspection for the subject well site was conducted on Tuesday, March 14, 2006 at approximately 2:15 p.m. Weather conditions were warm and clear. In attendance at the onsite inspection were the following individuals:

Chris Carusona	Natural Resource Specialist	Bureau of Land Management
Charlie Sharp	Botanist	Bureau of Land Management
Brandon McDonald	Wildlife Biologist	Bureau of Land Management
Bekee McGown	T & E Biologist	U.S. Fish & Wildlife
Lisa Smith	Permitting Agent	Permitco Inc.
Randy Smith	Field Assistant	Permitco Inc.
Caleb Rounsaville	Production Superintendent	Gasco Production Company
Shawn Elworthy	Field Supervisor	Gasco Production Company
Shawn Hawk	Surveyor	Uintah Engineering and Land Surveying

**1. EXISTING ROADS**

- a. The proposed well site is located approximately 27 miles southeast of Myton, Utah.



- b. Directions to the location from Myton, Utah are as follows:

Proceed southwesterly on Highway 40 for 1.5 miles. Turn left and proceed southeasterly for approximately 11 miles to the Castle Peak Mine. Turn left and proceed east for approximately 12.7 miles on the 8 mile flat road. Turn right and proceed southerly 1.2 miles. Turn left onto an existing road to be upgraded and proceed southerly 0.5 miles until reaching the proposed location.

- c. For location of access roads within a 2-Mile radius, see Maps A & B.
- d. Improvement to existing main roads will not be required.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

## **2. PLANNED ACCESS ROADS**

- a. Approximately 0.5 miles of existing road will be upgraded. There will be approximately 0.25 miles of new access to be constructed for the proposed loop road.
- b. The maximum grade of the new construction will be approximately 3%.
- c. No culverts or low water crossings will be necessary.
- d. The last 0.75 miles of new access road was centerline flagged at the time of staking.
- e. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.
- f. No cattle guards will be necessary.
- g. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.



- h. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- i. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- j. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- k. No road right of way will be required.

3. **LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION.**  
(See Map "C")

- a. Water wells - none
- b. Injection wells - none
- c. Producing wells - one
- d. Drilling wells - none
- e. Disposal wells -none
- f. Abandoned wells - four
- g. Dry Holes - none



**4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES.**

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Carlsbad Canyon. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
- b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- c. If the well is productive, a production facility layout will be submitted via sundry.
- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried or anchored down from the wellhead to the separator. Meter runs will be housed and/or fenced.
- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.
- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.



- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- l. The road will be maintained in a safe useable condition.
- m. Produced water will be stored in a 300 bbl heated, insulated tank, then hauled to a commercial disposal site such as Disposal Inc., or Brennan Bottom.
- n. Pipelines will follow the route shown on Map D. See Pipeline detail attached. Pipeline ROW will be necessary for the portion of pipeline located off lease in Section 30, T9S-R19E. We are requesting that this APD be used as our ROW application. Please notify us once a category determination has been made so that we may send the necessary filing fees.

**5. LOCATION AND TYPE OF WATER SUPPLY**

- a. The proposed water source will be the Nebecker Water Service at the Nebecker Water Station in Myton, permit #43-1721.
- b. Water will be hauled by Nebecker Water Service to the location over the access roads shown on Maps A and B.
- c. No water well will be drilled on this lease.

**6. SOURCE OF CONSTRUCTION MATERIAL**

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.



**7. METHODS OF HANDLING WASTE DISPOSAL**

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- b. At the request of the BLM, the reserve pit will be lined with a 12 mil liner. If fractured rock is encountered, the pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

**8. ANCILLARY FACILITIES**

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.



**9. WELL SITE LAYOUT**

- a. The operator or his/her contractor shall contact the BLM Office at 435/781-4400 forty-eight (48) hours prior to construction activities.
- b. The reserve pit will be located on the north side of the location.
- c. The flare pit will be located on the east side of the reserve pit, a minimum of 100 feet from the well head and 20 feet from the reserve pit fence.
- d. The stockpiled topsoil (first six inches) will be stored on the south side of the location, between Corners 2 and 8 near the wellpad. Topsoil along the access route will be wind rowed on the uphill side.
- e. Access to the well pad will be from the east as shown on the Pit & Pad Layout.
- f. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- g. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- h. All pits will be fenced according to the following minimum standards:
  1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
  2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
  3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
  4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.





5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

## **10. PLANS FOR RESTORATION OF SURFACE**

### Producing Location

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- c. If a plastic nylon reinforced liner is used it shall be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.
- e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. A seed mixture will be specified by the Bureau of Land Management in their Conditions of Approval for the subject well.

Seeding will be performed immediately after the location has been reclaimed and the pit has been backfilled, regardless of the time of year. Seed will be broadcast and walked in with a dozer.

- f. The topsoil stockpile will be seeded as soon as the location has been constructed with the same recommended seed mix. The seed will be walked in with a cat.



- g. The following seed mixture has been recommended by the BLM.

<i>Species</i>	<i>#/s per Acre</i>
Western Wheatgrass	6
Galletta	6
TOTAL	12

Dry Hole

- h. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

Interim Surface Reclamation will be as follows:

1. Immediately after final well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production operations.
2. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in the reserve pit will be removed. Other waste and spoil materials will be disposed of immediately, weather permitting, upon final well completion.
3. If a synthetic, nylon re-enforced, liner is used, the excess liner will be cut off and removed and the remaining liner will be torn and perforated while backfilling the reserve pit. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The liner will be buried to a minimum of four (4) feet deep.
4. The reserve pit will be reclaimed within 180 days from the date of final well completion, weather permitting.
5. The reserve pit and that portion of the location not needed for production and storage facilities, and everyday production operations, will be reshaped to the approximate original contours to the extent possible. This will be completed by backfilling and crowning the pit to prevent water from standing. Topsoil will be re-spread up to the rig anchor points,



excluding the area needed for production and storage facilities and everyday production operations. Re-seeding, using appropriate reclamation methods, will occur immediately following the re-spreading of topsoil, weather permitting. The Authorized Officer will provide a seed mixture to re-vegetate the reserve pit and other unused disturbed areas at the time of the onsite.

**11. SURFACE OWNERSHIP**

Access Roads - The majority of the access roads are maintained by the County Road Department or the Bureau of Land Management.

Well pad - The well pad is located on lands managed by the BLM.

**12. OTHER INFORMATION**

- a. A Class III archeological survey and paleontological report has been conducted by SWCA. No significant cultural resources were found and clearance is recommended. A copy of this report (dated August, 2005) is on file with the BLM.
- b. A Special Status Plant and Wildlife Report has been prepared by SWCA Environmental Consultants and is attached.
- c. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and



-a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- d. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- e. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.
- f. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- g. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- h. There will be no deviation from the proposed drilling and/or work over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.
- i. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.



ONSHORE ORDER NO. 1  
Gasco Production Company  
**Federal #32-19-9-19**  
2043' FNL and 2133' FEL  
SW NE Section 19, T9S - R19E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

**Lease No. UTU-76033**

**SURFACE USE PLAN**

Page 12

- j. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.
- k. The operator or his contractor shall contact the BLM Offices at 435/781-4400 48 hours prior to construction activities.
- l. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

**13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION**

Permit Matters

**PERMITCO INC.**  
14421 County Road 10  
Ft. Lupton, CO 80621  
303/857-9999 (O)  
303/857-0577 (F)  
Lisa Smith

Drilling & Completion Matters

**Gasco Production Company**  
8 Inverness Drive East, Suite 100  
Englewood, CO 80112  
John Longwell  
303/483-0044 (O)  
303/ 483-0011(F)

Shawn Elworthy - Field Superintendent  
Roosevelt, UT  
435-823-4272 (cell)

**CERTIFICATION**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Gasco Production Company and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

\_\_\_\_\_  
April 7, 2006  
Date:

\_\_\_\_\_  
*Venessa Langmacher*  
Venessa Langmacher - PERMITCO INC.  
Authorized Agent for:  
Gasco Production Company



PIPELINE INFORMATION  
***Federal #32-19-9-19***

1. The type of pipeline is a single well flow line.
2. The outside diameter (O.D.) of all will be 8 inches maximum.
3. The anticipated production through the line is approximately 2000 MCF per day.
4. The anticipated maximum test pressure is 1000 psi.
5. The anticipated operating pressure is 100-200 psi.
6. The type of pipe is steel.
7. The method of coupling is welded.
8. There are no other pipelines to be associated in the same right of way.
9. There will be other objects to be associated in the same right of way. (Risers, Pig Launchers Pig Traps, meters and other appurtenances as required.)
10. The total length of pipeline is approximately 7,150 feet (3,000' located off-lease and 4,150' located on-lease) - see Map D. ROW is requested for the portion of pipeline located in Section 30, T9S-R19E.
11. Due to the rocky nature of the area, and shallow soils, the line will be laid on the surface as shown on Map D. The pipeline will follow existing or proposed roads.
12. The construction width for total surface disturbing activities is 30 feet.
13. The estimated total acreage involving all surface disturbing activities is 4.9 acres.
14. Any surface disturbance created as a result of the pipeline construction will be reclaimed utilizing the reclamation procedures and seed mixture specified by the Bureau of Land Management.
15. The line will be tested with gas pressure to 1000 psi.



### **FEDERAL STIPULATIONS AND TIMING RESTRICTIONS**

*In order to mitigate adverse impacts to burrowing owls, no new construction or surface disturbing activities would occur within 0.5 miles of the 32-19-9-19 during the nesting season of April 1<sup>st</sup> and July 15<sup>th</sup>. If new construction or surface disturbing activities are scheduled between April 1<sup>st</sup> and August 15<sup>th</sup>, a pre-construction presence/absence survey would be conducted by a qualified biologist acceptable to the Vernal BLM and using approved survey protocol after July 15<sup>th</sup> to detect the presence of nesting burrowing owls. If burrowing owls are not present, construction could begin. If nesting owls are documented during the survey, no construction or surface disturbing activities would occur until the adult birds and their young disperse.*



### **ARCHEOLOGY**

A Class III Archeological Survey has been conducted by SWCA. No significant cultural resources found and clearance has been recommended. A copy of this report (dated August, 2005) is on file with the BLM.





---

**SPECIAL STATUS PLANT AND WILDLIFE  
SPECIES REPORT**

---

GASCO PRODUCTION COMPANY  
ACCESS ROADS, PIPELINES, WELL PADS

**RIVERBEND UNIT 12-19-9-19**  
SWNW SECTION 19 T 9S R 19E

**RIVERBEND UNIT 32-19-9-19**  
SWNE SECTION 19 T 9S R 19E

UINTAH COUNTY, UTAH

Prepared by  
SWCA Environmental Consultants  
Salt Lake City, Utah

**PROPOSED PROJECT:**

Gasco Production Company (Gasco) proposes to construct, operate, and maintain well locations, access roads, and pipelines in the above legal locations. The proposed facilities would be located on lands administered by the Bureau of Land Management (BLM) in Uintah County, Utah. The lengths and acreage of the proposed access roads, pipelines, and well pads can be found in the table below. Pipelines would be constructed only if the well goes into production.

Table 1: Proposed Well Surface Disturbances				
WELL NAME	ROAD LENGTH/SURFACE AREA (Feet/Acres)	PIPELINE LENGTH/SURFACE AREA (Feet/Acres)	WELL SIZE (Acres)	TOTAL SURFACE DISTURBANCE (Acres)
12-19-9-19	1024 / 0.7	820 / 0.8	3.7	5.2
32-19-9-19	1293 / 0.9	1312 / 1.2	3.7	5.8
<b>TOTAL:</b>	<b>2317 / 1.6</b>	<b>2132 / 2.0</b>	<b>7.4</b>	<b>11.0</b>

**SITE DESCRIPTION:**

The proposed project is underlain by sedimentary deposits of the Uinta Formation of Late Middle Eocene age at approximately 4900' elevations. The soil type ranges from loamy sand to rocky sand to gravel with clay. The project areas are located in relatively flat sites (0-5% slopes) and have rolling topography.

The vegetation is a desert shrub community consisting of shadscale saltbush (*Atriplex confertifolia*), Gardner's saltbush (*Atriplex gardneri*), mat saltbush (*Atriplex corrugata*), budsage (*Artemisia spinescens*), American kochia (*Kochia Americana*), winterfat (*Ceratoides lanata*), black greasewood (*Sarcobatus vermiculatus*), broom snakeweed (*Gutierrezia sarothrae*), horsebrush (*Tetradymia spinosa*), Mormon tea (*Ephedra* sp.), globemallow (*Sphaeralcea* sp.), Indian ricegrass (*Stipa hymenoides*), galleta grass (*Hilaria jamesii*), saltgrass (*Distichlis spicata*), multiple species of buckwheat (*Eriogonum* spp.), and prickly pear cactus (*Opuntia* sp.). Invasive and noxious weeds such as halogeton (*Halogeton glomeratus*), Russian thistle (*Salsola iberica*), and cheat grass (*Bromus tectorum*) are generally found in moderate amounts within the native vegetation.

**12-19-9-19:**

This project site lies at approximately 4850' in elevation. It has a slightly southerly aspect, which gently slopes towards a wash (5%). The soils are sandy, with an approximately 50% vegetation cover. No rock outcroppings are present. Cottontails (*Sylvilagus floridanus*) and jack rabbits (*Lepus* sp.) were seen on site.

**32-19-9-19:**

This project sites lies at approximately 4840' in elevation. The project has a southeastern aspect with slopes of 0-4%. The site topography is a smooth grade. The soils are loamy sand. No rock outcroppings are present. A Northern Harrier (*Circus cyaneus*) was seen on site.

**SITE REVIEW METHODOLOGY:**

The U.S. Fish and Wildlife Service (USFWS) list of threatened and endangered species for Uintah County along with past survey reports and environmental documents were reviewed to determine which federally listed threatened, endangered and candidate species, and Utah/BLM sensitive species (special status species) have the potential to occur in Uintah County. Data on existing soils, geology, elevations, and vegetation types within the proposed pipeline corridor were used to determine which of these species have potential to occur within the project area. In-house Geographic Information System (GIS) layers were examined for known locations of and suitable habitat for special status plant and wildlife species within the project area.

The project sites were visited on March 11, 2006 by SWCA biologists Amanda Christensen and James McMillan (sub-contractor, Sporobolus Resources). During the exams, each proposed access road, pipeline corridor and well location was carefully examined for the presence of special status plant and wildlife species and potential habitat. Binoculars were used to glass the surrounding area for raptors and other wildlife.

**SURVEY RESULTS:****12-19-9-19:**

No known locations and no potential habitat for special status plant species were found on the project site (Appendix A).

Burrows were found on the road and pipeline route and well pad of the proposed project site, and so burrowing owl has potential to occur.

**32-19-9-19:**

No known locations and no potential habitat for special status plant species were found on the project site (Appendix A).

Burrows were found on the road and pipeline route and well pad of the proposed project site, and so burrowing owl has potential to occur.

**DETERMINATIONS AND RECOMMENDATIONS:**

Based on a review of existing data it is my professional opinion that the proposed project will have "no affect" special status plants or suitable habitat as long as the following recommendations are respected:

- In order to mitigate adverse impacts to burrowing owls, no new construction or surface disturbing activities would occur within 0.5 mile of each of proposed wells 12-19-9-19 and 32-19-9-19 during the nesting season of April 1 and July 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, a pre-construction presence/absence survey would be conducted by a qualified biologist acceptable to the Vernal BLM and using approved survey protocol after July 15 to detect the presence of nesting burrowing owls. If burrowing owls are not present, construction could begin. If nesting owls are documented during the survey, no construction or surface disturbing activities would occur until the adult birds and their young disperse.

//s// A. Christensen  
**Amanda Christensen**  
**Natural Resource Specialist**

03/22/06  
**Date**

Appendix A - Special Status Plant Species			
SPECIES	STATUS <sup>1</sup>	HABITAT	POTENTIAL for and/or OCCURRENCE
<i>Arabis vivariensis</i> <b>Park rock cress</b>	BLM; S1	Webber Formation sandstone and limestone outcrops in mixed desert shrub and pinyon-juniper communities. 5000-6000ft.	None - No suitable habitat. Formations and associated soils do not occur in the project area.
<i>Astragalus equisolensis</i> <b>Horseshoe milkvetch</b>	FC; S1	Duchesne River Formation soils in sagebrush, shadscale, horse brush and mixed desert shrub communities. 4790-5185ft.	None - No suitable habitat. Formations and associated soils do not occur in the project area.
<i>Astragalus hamiltonii</i> <b>Hamilton milkvetch</b>	BLM; S1	Duchesne, Mowery shale, Dakota and Wasatch Formation soils in pinyon-juniper and desert shrub communities. 5240-5800ft	None - No suitable habitat. Formations and associated soils do not occur in the project area.
<i>Cirsium ownbeyi</i> <b>Ownbey thistle</b>	BLM; S1	East flank Uinta Mountains. Sagebrush, juniper and riparian communities. 5500-6200ft.	None - No suitable habitat. Formations and associated soils do not occur in the project area. Out of range.
<i>Habenaria zothecina</i> <b>Alcove bog-orchard</b>	BLM; S2	Moist stream banks, seeps, hanging gardens in mixed-desert shrub, piñon juniper, and oakbrush (4,360-8,690 feet).	None - Soils and associated riparian areas are not present in project areas.
<i>Hymenoxys lapidicola</i> <b>Rock hymenoxis</b>	BLM; S1	Rock crevices in piñon-juniper. Uintah County endemic (6,000-8,000 feet).	None - No suitable habitat. Formations and associated soils do not occur in the project area.
<i>Lepidium huberi</i> <b>Huber's pepperplant</b>	BLM; S1S2	Rock crevices, eroding parent material and alluvial soils of the Moenkopi, Navajo, Chinle and Formations in the Uinta and Green River Formation in the Bookcliffs. 5600- 8000 ft.	None - No suitable habitat. Formations and associated soils do not occur in the project area.
<i>Penstemon acaulis</i> <b>stemless penstemon</b>	BLM; S1	Daggett County. Semi-barren substrates in pinyon-juniper and sagebrush-grass communities. 5840-7285 ft.	None - No suitable habitat. Formations and associated soils do not occur in the project area.
<i>Penstemon flowersii</i> <b>Flowers penstemon</b>	BLM; S1	Clay badlands from Myton to Roosevelt and Randlett, in shadscale and desert communities. 5000-5400ft.	None - No suitable habitat. Formations and associated soils do not occur in the project area.

Appendix A - Special Status Plant Species			
SPECIES	STATUS <sup>1</sup>	HABITAT	POTENTIAL for and/or OCCURRENCE
<i>Penstemon gibbensii</i> <b>Gibbens penstemon</b>	BLM; S1	Brown's Park in Daggett County. Sandy and shaley (Green River Shale) bluffs and slopes with juniper, thistle, Eriogonum, Elymus, serviceberry, rabbit brush & Thermopsis 5500-6400 ft.	None - No suitable habitat. Formations and associated soils do not occur in the project area. Out of Range.
<i>Penstemon goodrichii</i> <b>Goodrich penstemon</b>	BLM; S2	Lapoint-Tridell-Whiterocks area. Duchesne River Formation on blue gray to reddish bands of clay badlands. Elevations 5590 to 6215 ft.	None - No suitable habitat. Formations and associated soils do not occur in the project area.
<i>Penstemon grahamii</i> <b>Graham beardtongue</b>	FC; S2	East Duchesne and Uintah Counties. Evacuation Creek and Lower Parachute Member of the Green River Formation. Shaley knolls in sparsely vegetated desert shrub and pinyon-juniper communities. 4600-6700 ft	None - No suitable habitat. Formations and associated soils do not occur in the project area.
<i>Penstemon scariosus</i> var. <i>albifluvis</i> <b>White River penstemon</b>	FC; S1	Evacuation Creek and Lower Parachute Creek Member of the Green River Formation on sparsely vegetated shale slopes in mixed desert shrub and pinyon-juniper communities. 5000-6000ft	None - No suitable habitat. Formations and associated soils do not occur in the project area.
<i>Schoenocrambe argillacea</i> <b>Clay thelopody</b>	FT; S1	Bookcliffs On the contact zone between the upper Uinta and lower Green River shale formations in mixed desert shrub of Indian ricegrass and pygmy sagebrush. 5000-5650 ft.	None - No suitable habitat. Formations and associated soils do not occur in the project area.

Appendix A - Special Status Plant Species			
SPECIES	STATUS <sup>i</sup>	HABITAT	POTENTIAL for and/or OCCURRENCE
<i>Schoenocrambe suffrutescens</i> <b>Shrubby reed-mustard</b>	FE; S1	Evacuation Creek and lower Parachute Creek Members of the Green River Formation on calcareous shale in pygmy sagebrush, mountain mahogany, juniper and mixed desert shrub communities. 5400-6000ft.	None - No suitable habitat. Formations and associated soils do not occur in the project area.
<i>Sclerocactus glaucus</i> ( <i>Sclerocactus brevispinus</i> ) <b>Uinta Basin hookless cactus</b>	FT; S3 (S1)	Gravelly hills and terraces on Quaternary and tertiary alluvium soils in cold desert shrub communities. 4700-6000ft.	None - Soils and associated riparian areas are not present in the project area.
<i>Spiranthes diluvialis</i> <b>Ute lady's tresses</b>	FT; S1	Streams, bogs and open seepages in cottonwood, salt cedar, willow and pinyon-juniper communities on the south and east slope of the Uintah Range and it's tributaries, and the Green River from Browns Park to Split mountain. Potentially in the Upper reaches of streams in the Book Cliffs. 4400-6810ft.	None - Soils and associated riparian areas are not present in the project area.

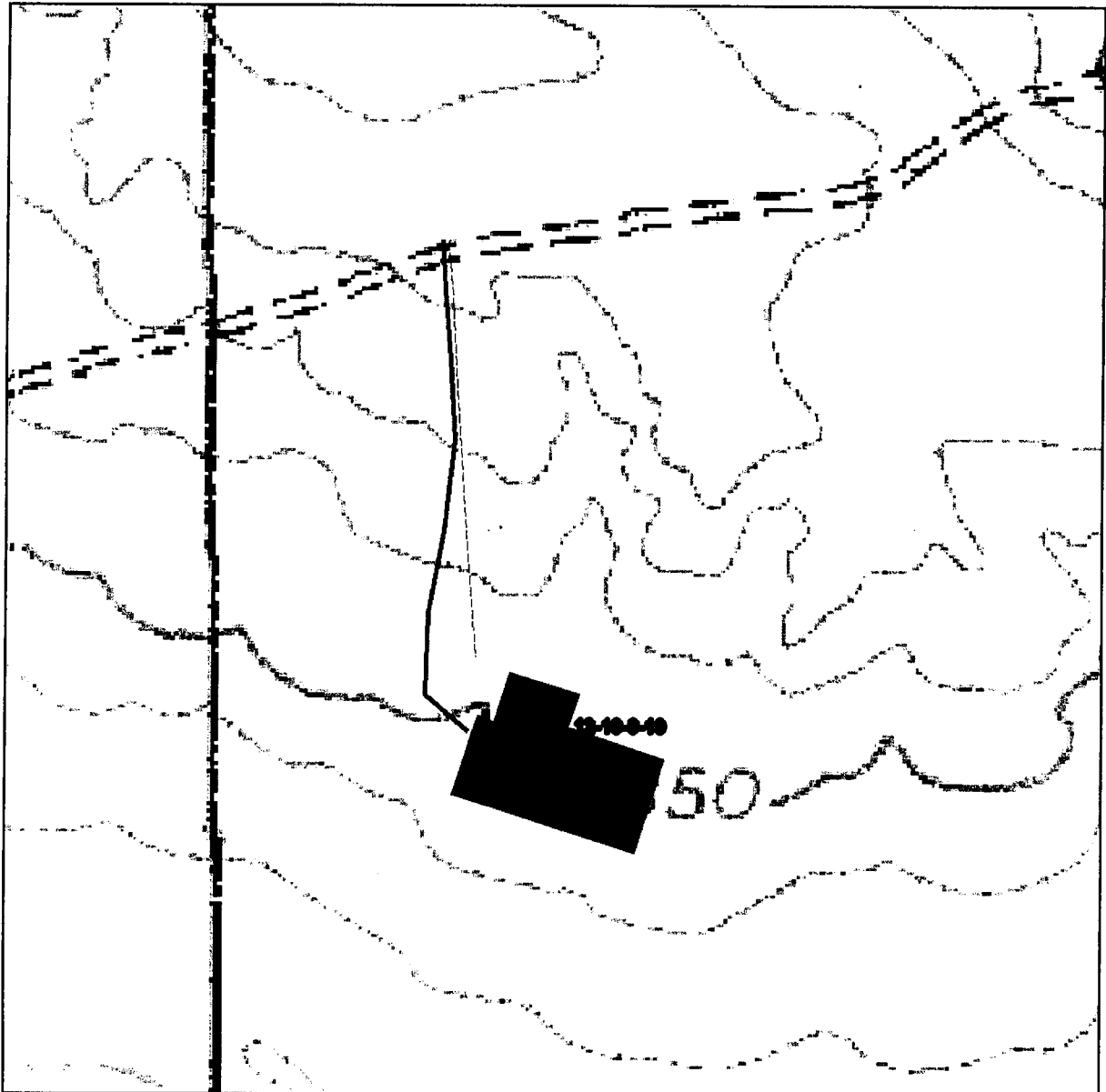
<sup>i</sup> FE = Federally listed as Endangered

FT = Federally listed as Threatened

BLM = BLM Sensitive Species

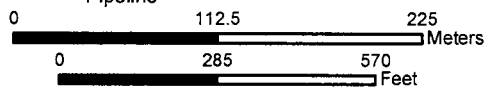
S1 = Utah Natural Heritage Program Status rank

S2 = Utah Natural Heritage Program Status rank



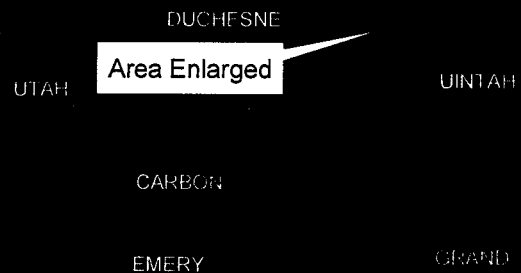
### Gasco Well 12-19-9-19

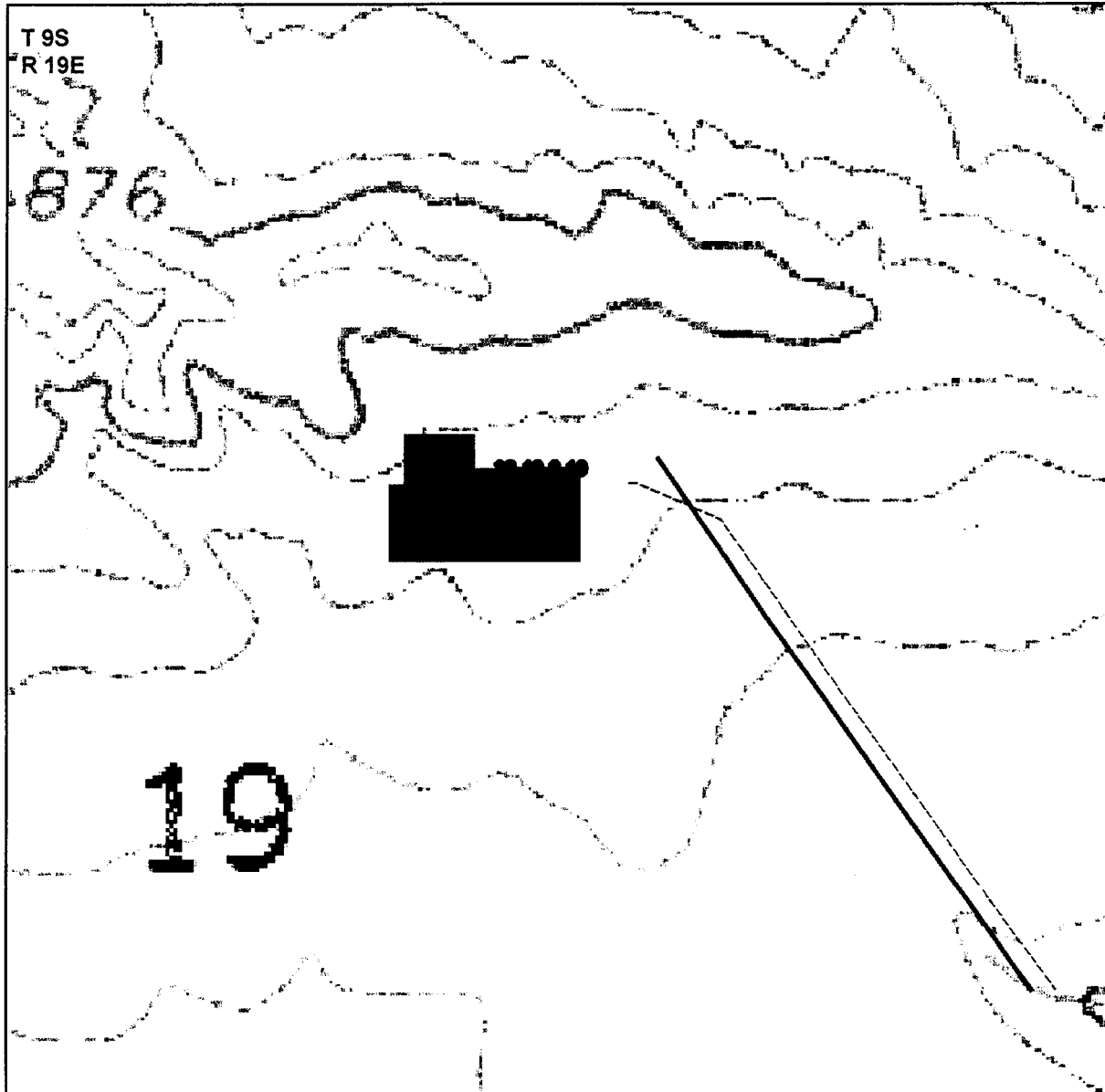
- Proposed Well
- Access Road
- Well Pad
- - - Pipeline



Basemap taken from Cowboy Bench, UT USGS  
7.5 minute series topographic quadrangles.

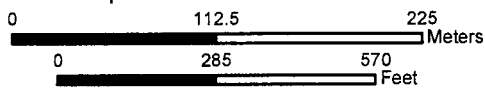
Tuesday, March 21, 2006 3:05:52 PM  
F:\10346 March\Map\Report\12-19-9-19 loc 032106.mxd





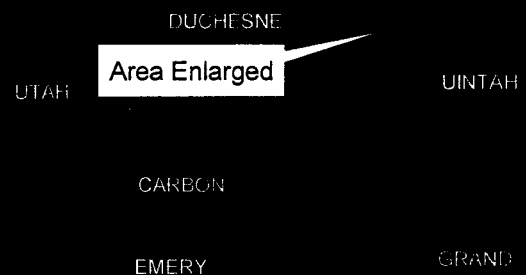
### Gasco Well 32-19-9-19

- Proposed Well
- Access Road
- Well Pad
- - - Pipeline

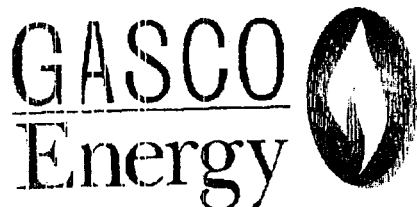


Basemap taken from Cowboy Bench, UT USGS  
7.5 minute series topographic quadrangles.

Tuesday, March 21, 2006 10:14:37 AM  
F:\10346\_March\Maps\Report\32-19-9-19 Loc. 032106.mxd







Bureau of Land Management  
Vernal Field Office  
170 S. 500 E.  
Vernal, UT 84078

Attn: Minerals

Re: All Wells  
Uintah County, Utah

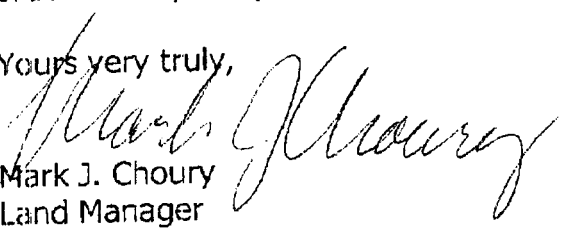
Gentlemen:

This letter is to inform you that Permitco Inc. is authorized to act as Agent and to sign documents on behalf of Gasco Production Company, a wholly owned subsidiary of Gasco Energy, Inc. when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc., for the above mentioned well.

It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

Gasco Production Company agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above-mentioned well.

Yours very truly,

  
Mark J. Choury  
Land Manager

# GASCO PRODUCTION COMPANY

**FEDERAL #32-19-9-19**

**LOCATED IN UINTAH COUNTY, UTAH**

**SECTION 19, T9S, R19E, S.L.B.&M.**



**PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE**

**CAMERA ANGLE: SOUTHERLY**



**PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS**

**CAMERA ANGLE: WESTERLY**



- Since 1964 -

**U  
E  
L  
S**

**Uintah Engineering & Land Surveying**

85 South 200 East Vernal, Utah 84078

435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

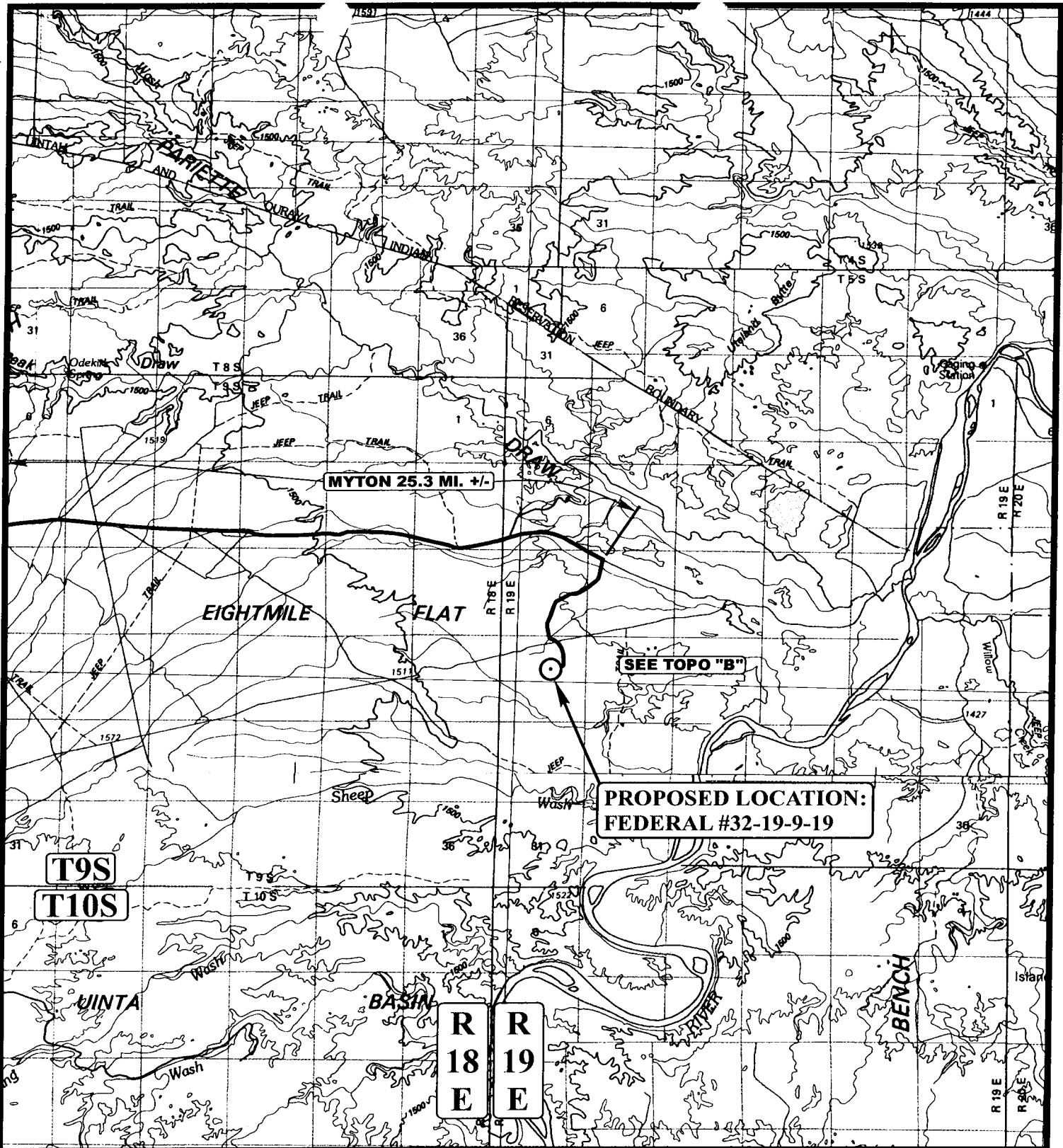
**09 12 05**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: J.W.

DRAWN BY: B.C.

REVISED: 00-00-00



# LEGEND:

○ PROPOSED LOCATION

## GASCO PRODUCTION COMPANY

FEDERAL #32-19-9-19

SECTION 19, T9S, R19E, S.L.B.&M.

2043' FNL 2133' FEL



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

**09** **12** **05**  
 MONTH DAY YEAR

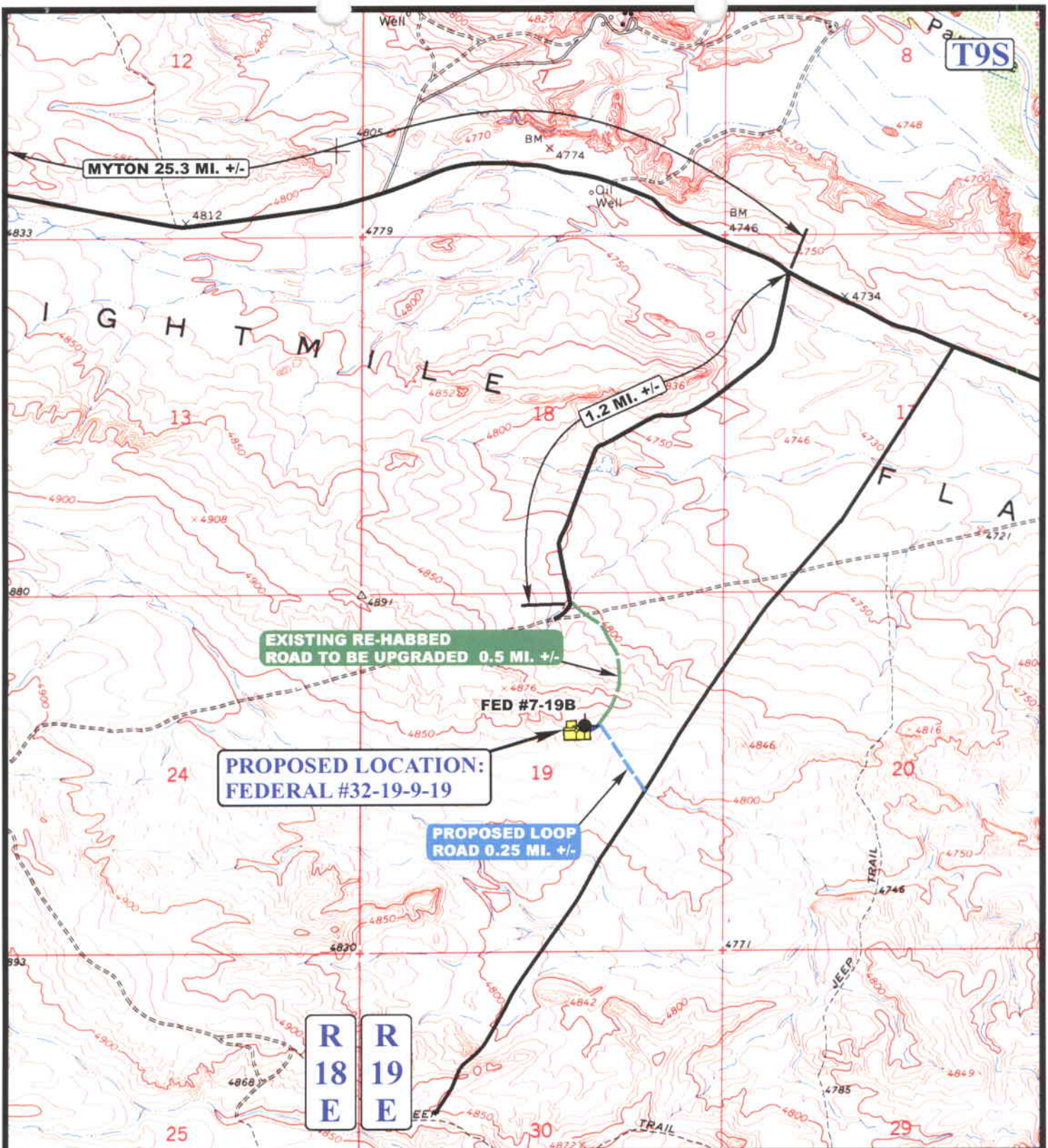
SCALE: 1:100,000

DRAWN BY: B.C.

REVISED: 00-00-00







# LEGEND:

	EXISTING ROAD
	PROPOSED ACCESS ROAD
	RE-HABED ROAD TO BE UPGRADED
	PROPOSED LOOP ROAD



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



# GASCO PRODUCTION COMPANY

**FEDERAL #32-19-9-19**  
**SECTION 19, T9S, R19E, S.L.B.&M.**  
**2043' FNL 2133' FEL**

**TOPOGRAPHIC**  
**MAP**

**09 12 05**  
 MONTH DAY YEAR

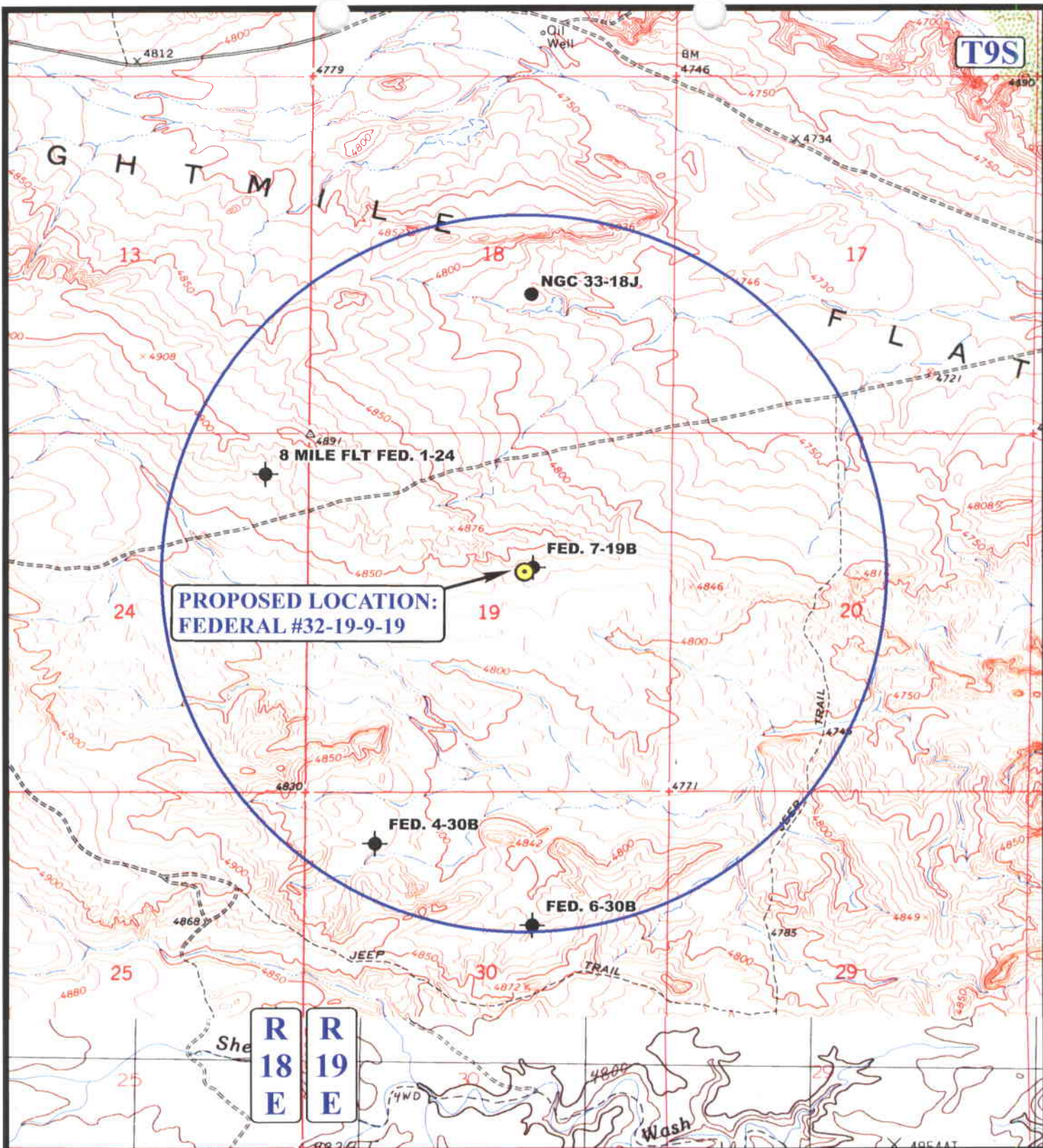
SCALE: 1" = 2000'

DRAWN BY: B.C.

REV: 01-06-06 C.H.







# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

## GASCO PRODUCTION COMPANY

FEDERAL #32-19-9-19  
SECTION 19, T9S, R19E, S.L.B.&M.  
2043' FNL 2133' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



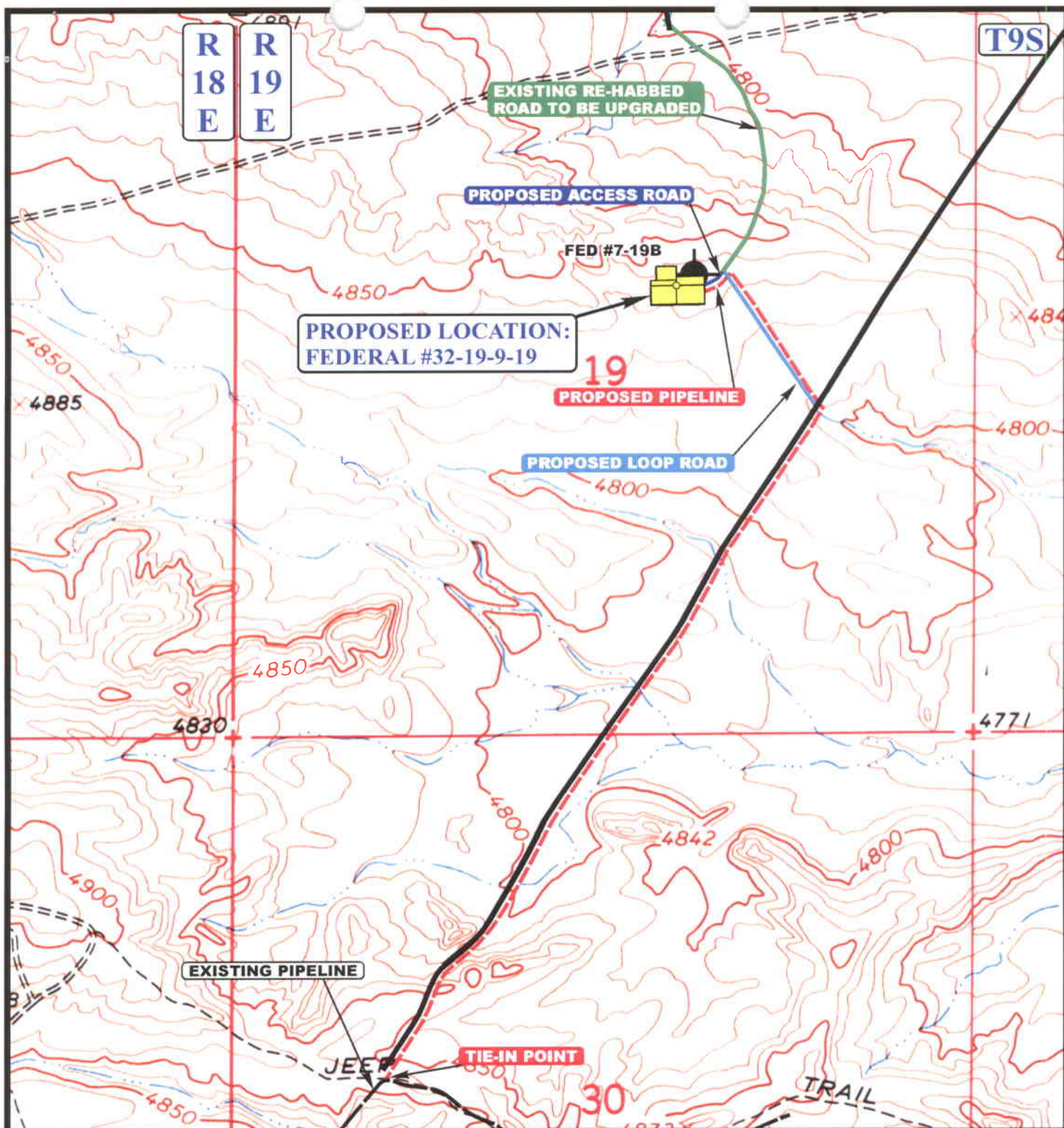
TOPOGRAPHIC  
MAP

09 12 05  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 7150' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- RE-HABED ROAD TO BE UPGRADED
- - - - PROPOSED PIPELINE



**GASCO PRODUCTION COMPANY**

**FEDERAL #32-19-9-19**  
**SECTION 19, T9S, R19E, S.L.B.&M.**  
**2043' FNL 2133' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**09 12 05**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: B.C. REV:01-06-06 C.H.



# GASCO PRODUCTION COMPANY

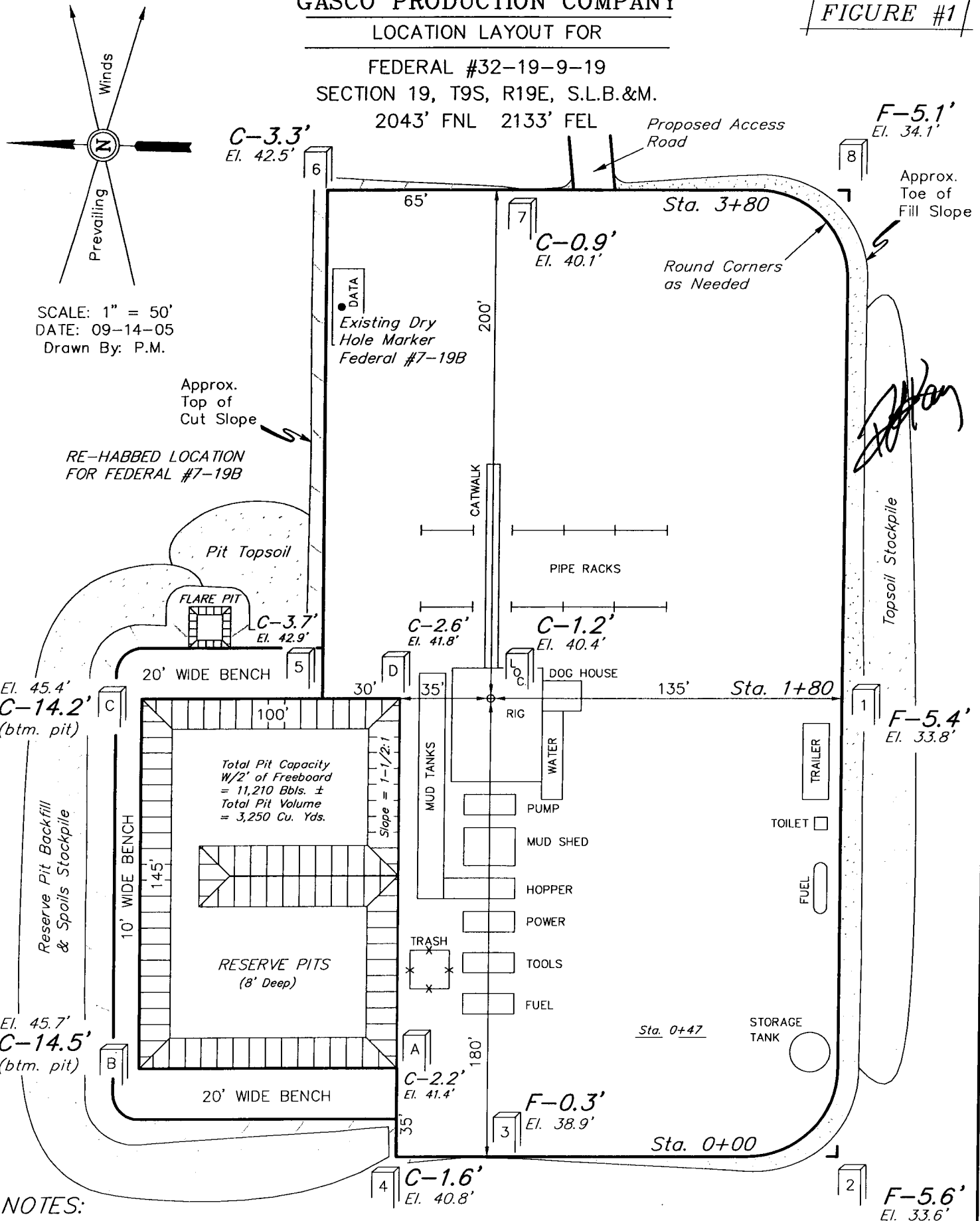
## LOCATION LAYOUT FOR

FEDERAL #32-19-9-19

SECTION 19, T9S, R19E, S.L.B.&M.

2043' FNL 2133' FEL

FIGURE #1



### NOTES:

Elev. Ungraded Ground at Location Stake = 4840.4'

Elev. Graded Ground at Location Stake = 4839.2'

UINTAH ENGINEERING & LAND SURVEYING

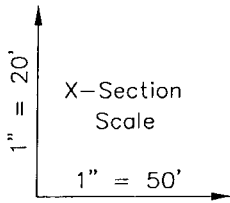
85 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017

# GASCO PRODUCTION COMPANY

## TYPICAL CROSS SECTIONS FOR

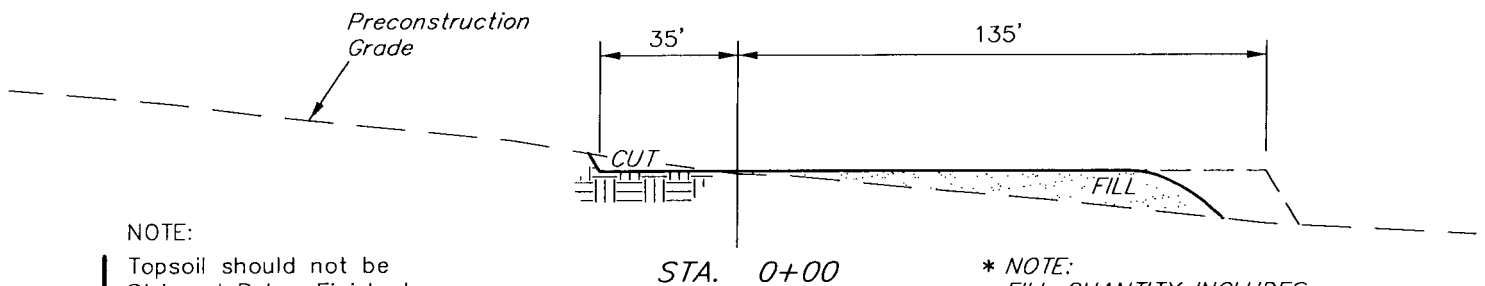
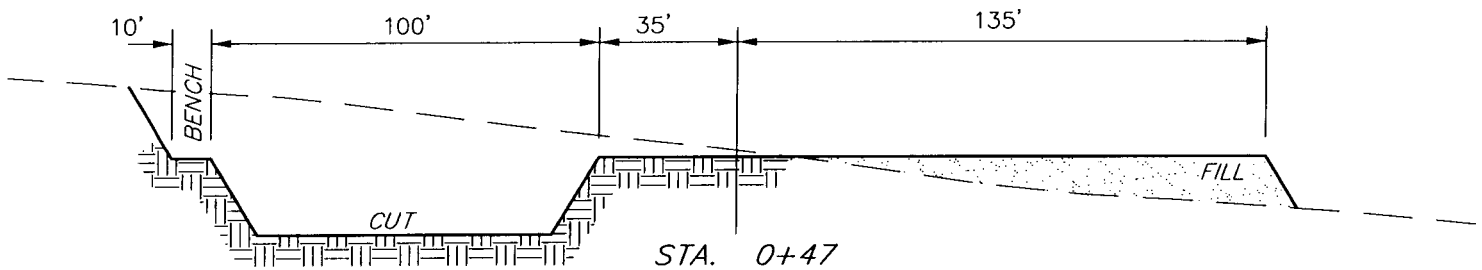
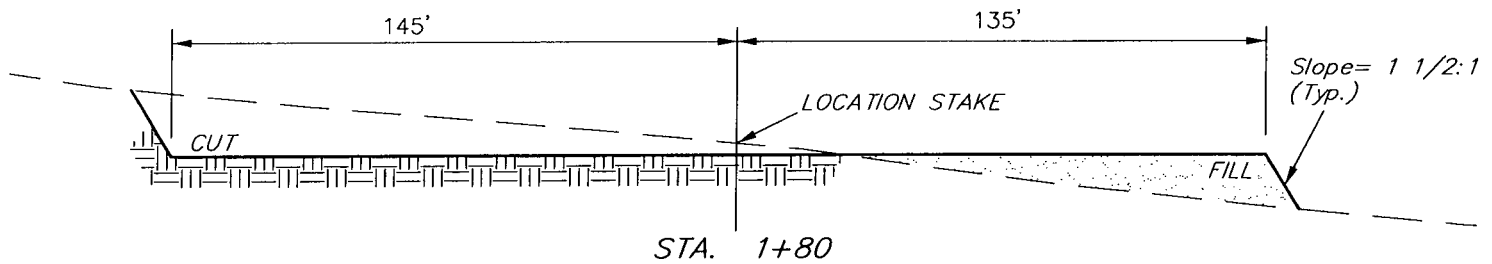
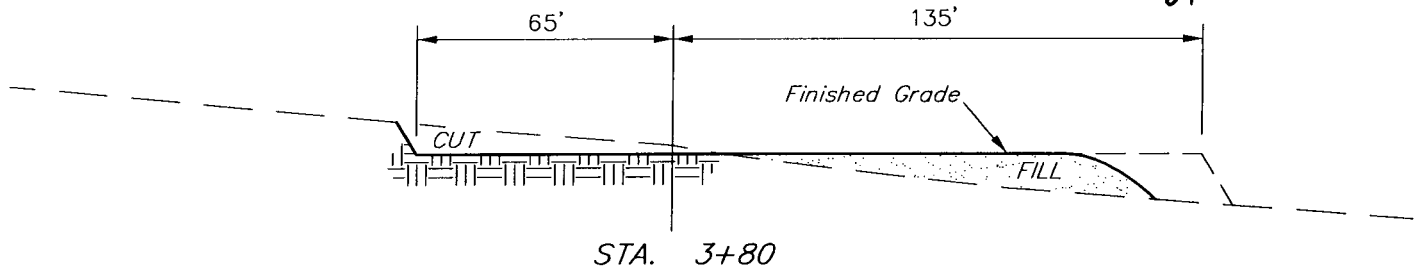
FEDERAL #32-19-9-19  
SECTION 19, T9S, R19E, S.L.B.&M.  
2043' FNL 2133' FEL

FIGURE #2



DATE: 09-14-05  
Drawn By: P.M.

*[Handwritten signature]*



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

### APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	1,890 Cu. Yds.
Remaining Location	=	7,770 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>9,660 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>6,150 CU.YDS.</b>

EXCESS MATERIAL	=	3,510 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,510 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/10/2006

API NO. ASSIGNED: 43-047-38466

WELL NAME: FEDERAL 32-19-9-19

OPERATOR: GASCO PRODUCTION ( N2575 )

CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-857-9999

PROPOSED LOCATION:

SWNE 19 090S 190E

SURFACE: 2043 FNL 2133 FEL

BOTTOM: 2043 FNL 2133 FEL

COUNTY: UINTAH

LATITUDE: 40.01806 LONGITUDE: -109.8207

UTM SURF EASTINGS: 600645 NORTHINGS: 4430218

FIELD NAME: PARIETTE BENCH ( 640 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-76033

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: BLKHK

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT-1233 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-1721 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.  
Unit: \_\_\_\_\_  
☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
☐ R649-3-3. Exception  
☐ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
☐ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: 1. Federal App-mf

2. Seismic Strip





## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 17, 2006

Gasco Production Company  
8 Inverness Drive East, Suite 100  
Englewood, CO 80112

Re: Federal 32-19-9-19 Well, 2043' FNL, 2133' FEL, SW NE, Sec. 19, T. 9 South,  
R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38466.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Gasco Production Company  
**Well Name & Number** Federal 32-19-9-19  
**API Number:** 43-047-38466  
**Lease:** UTU-76033

**Location:** SW NE                      **Sec.** 19                      **T.** 9 South                      **R.** 19 East

### **Conditions of Approval**

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 10 2006

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU-76033</b>
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>N/A</b>
2. Name of Operator <b>Gasco Production Company</b>		7. If Unit or CA Agreement, Name and No. <b>N/A</b>
3. Name of Agent <b>Permitco Inc. - Agent</b>		8. Lease Name and Well No. <b>Federal #32-19-9-19</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>2043' FNL and 2133' FEL</b> At proposed prod. zone <b>SW NE</b>		9. API Well No. <b>43-047-38466</b>
14. Distance in miles and direction from nearest town or post office* <b>Approximately 27 miles southeast of Myton, UT</b>		10. Field and Pool, or Exploratory <b>Riverbend</b>
15. Distance from proposed location* to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>2043'</b>	16. No. of Acres in lease <b>600.00</b>	11. Sec., T., R., M., or Blk. and Survey or Area <b>Section 19, T9S-R19E</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>None</b>	19. Proposed Depth <b>13,060'</b>	12. County or Parish <b>Uintah</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>4840' GL</b>	22. Approximate date work will start* <b>ASAP</b>	13. State <b>UT</b>
20. BLM/BIA Bond No. on file <b>Bond #UT-1233</b>		
23. Estimated duration <b>35 Days</b>		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |   |
|---|---|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.   | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, a SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

CONFIDENTIAL-TIGHT HOLE

25. Signature 	Name (Printed/Typed) <b>Venessa Langmacher</b>	Date <b>4/7/2006</b>
Title <b>Authorized Agent for Gasco Production Company</b>		
Approved by (Signature) 	Name (Printed/Typed) <b>TERRY KENICKA</b>	Date <b>4-25-2007</b>
Title <b>Assistant Field Manager Lands &amp; Mineral Resources</b>		
Office <b>VERNAL FIELD OFFICE</b>		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

MAY 03 2007

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Gasco Production Company  
Well No: Federal 32-19-9-19  
API No: 43-047-38466

Location: SWNE, Sec 19, T9S, R19E  
Lease No: UTU-76033  
Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	James Ashley	Office: 435-781-4470	Cell: 435-828-7874
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
Natural Resource Specialist:	Chuck MacDonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |   |
|---|---|
| Location Construction<br>(Notify Karl Wright)           | - Forty-Eight (48) hours prior to construction of location and access roads.  |
| Location Completion<br>(Notify Karl Wright)             | - Prior to moving on the drilling rig.  |
| Spud Notice<br>(Notify Petroleum Engineer)              | - Twenty-Four (24) hours prior to spudding the well.  |
| Casing String & Cementing<br>(Notify Jamie Sparger)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to initiating pressure tests   |
| First Production Notice<br>(Notify Petroleum Engineer)  | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days |

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

- The operator shall be allowed to remove the existing above-ground plugged and abandoned marker for the Federal 7-19B in order to accommodate new construction. The existing marker and/or casing shall be cut-off three feet below ground level. The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place with the well location and identity permanently inscribed on the plate. A weep hole shall also be left on the plate. Before removal of the existing marker the operator shall notify the AO and provide a GPS coordinate of its location.
- A timing restriction on construction and drilling (including completion) from April 1 – August 15, is in order to protect nesting burrowing owls. If the operator wishes to construct from April 1 to August 15 a qualified biologist may conduct a burrowing owl survey. If no birds are present at the time of survey, Gasco may begin construction.
- A timing restriction on construction and drilling (including completion) from May 15 – June 15, is in order to protect nesting mountain plovers. If the operator wishes to construct from May 15 to June 15 a qualified biologist may conduct a mountain plover survey. If no birds are present at the time of survey, Gasco may begin construction.
- Construction for this site will be impacting a known paleontological site (Un42638V). As a result, paleontological monitoring will be required by a BLM permitted paleontologist throughout the construction phase of the well pad, 1300 feet of the new access “loop” road and pipeline from the well pad southeast to their intersecting point with existing road.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. The following seed mix shall be used:

Type		lbs./acre
Western Wheat grass	<i>Agropyron smithii</i>	4
Needle and Thread grass	<i>Stipa comata</i>	4
Hy-crest Crested wheat grass	<i>Agropyron cristatum</i>	4
** Seed shall be drilled; but if broadcasted double the pounds per acre used and work the solids mechanically to cover the seed.		

- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The following seed mix shall be used, unless BLM personnel determine that conditions have changed and another mix will be more suitable:

Type		lbs./acre
Shadscale	<i>Atriplex confertifolia</i>	3
Winterfat	<i>Eurotia lanata</i>	3
Galleta grass	<i>Hilaria jamesii</i>	3
Indian Rice Grass	<i>Oryzopsis hymenoides</i>	3
** Seed shall be drilled; but if broadcasted double the pounds per acre used and work the solids mechanically to cover the seed.		



## ***DOWNHOLE CONDITIONS OF APPROVAL***

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.
- A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys,

sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# CONFIDENTIAL

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033
2. NAME OF OPERATOR: Gasco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 8 Inverness Dr E, Ste 100 Englewood Co 80112		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2043' FnL & 2133' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 19 9S 19E		8. WELL NAME and NUMBER: Federal 32-19-9-19
		9. API NUMBER: 4304738466
		10. FIELD AND POOL, OR WILDCAT: Pariette Bench
		COUNTY: Uintah
		STATE: UTAH

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Extend Permit</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Gasco Production Company would like to request a one year extension on this APD from the date it is due to expire 8/17/2007

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 09-18-07  
By: [Signature]

NOTED TO OPERATOR  
DATE: 9-19-07  
INITIALS: RM

NAME (PLEASE PRINT) <u>Beverly Walker</u>	TITLE <u>Engineering Technician</u>
SIGNATURE <u>[Signature]</u>	DATE <u>7/31/2007</u>

(This space for State use only)

RECEIVED  
SEP 1 / 2007

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304738466  
**Well Name:** Federal 32-19-9-19  
**Location:** SW NE of Section 19-T9S-R19E Uintah County, Utah  
**Company Permit Issued to:** Gasco Production Company  
**Date Original Permit Issued:** 8/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

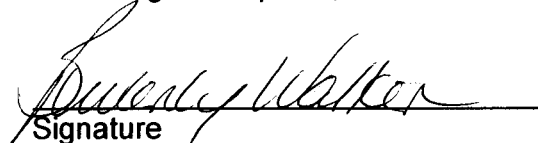
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

7/31/2007  
Date

Title: Engineering Technician

Representing: Gasco Production Company

RECEIVED

SEP 1 / 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
BLM No. 1004-0137  
Expires March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Gasco Production Company

3a. Address

8 Inverness Drive East Ste 100 Englewood, Co 80112

3b. Phone No. (include area code)

303-483-0044

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2043' FNL & 2133' FEL  
SW NE of Section 19-T9S-R19E

5. Lease Serial No.

UTU-76033

6. If Indian, Allottee, or Tribe Name

NA

7. If Unit or CA, Agreement Name and/or No.

NA

8. Well Name and No.

Federal 32-19-9-19

9. API Well No.

43-047-38466

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah County, Utah

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Keep data</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	<u>confidential</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

*Gasco Production Company will be moving a rig onto this location to start drilling within the next few weeks we respectfully request that you keep all records confidential for as long of a period as possible.*

14. I hereby certify that the foregoing is true and correct

Name (Printed Type)

Beverly Walker

Title

Engineering Technician

Signature

Date

February 6, 2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**FEB 08 2008**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Gasco Production Company

3a. Address  
8 Inverness Drive East Ste 100 Englewood, Co 80112

3b. Phone No. (include area code)  
303-483-0044

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2043' FNL & 2133' FEL  
SW NE of Section 19-T9S-R19E

5. Lease Serial No.  
UTU-76033

6. If Indian, Allottee, or Tribe Name  
NA

7. If Unit or CA. Agreement Name and/or No.  
NA

8. Well Name and No.  
Federal 32-19-9-19

9. API Well No.  
43-047-38466

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Uintah County, Utah

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

*This well is currently permitted to 13,060*

*Gasco Production Co would like to attempt to complete this well within the Mancos at 15,166*

*The maximum anticipated mud weight will be 11.5# gallon*

*The only change to the casing design will be the additional footage of 4-1/2" 15.1#/ft P-110 LT&C casing.*

*The cement design has been revised to accommodate the additional well depth. Additionally the cement system to be used has been revised as follows:*

*523 sacks of 35:65 Poz "G" 11.5 PPG, 3.05 yield*

*1857 sacks 50:50 Poz "G", 14.1 PPG, Yield = 1.28 cu.ft/sk*

*This cement design should result in a cement top at 2500'. If hole conditions indicate, the number of sacks of cement will be increased to achieve a calculated cement top of 2500'. Final top of cement will be verified by CBL.*

*Gasco will be installing a 3rd ram on the BOP stack*

14. I hereby certify that the foregoing is true and correct.

Name (Printed Typed)

Beverly Walker

Title

Engineering Technician

Signature

Date

February 6, 2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

BRADLEY G. HILL

Date

02-11-08

Conditions of approval, if any are attached. Approval of this notice does not warrant of ENVIRONMENTAL MANAGER  
certify that the applicant holds legal or equitable title to those rights in the subject lease Office  
which would entitle the applicant to conduct operations thereon

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**Federal Approval of this  
Action is Necessary**

**RECEIVED**  
**FEB 08 2008**

**DIV. OF OIL, GAS & MINING**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
Expires March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

CONFIDENTIAL

2. Name of Operator  
Gasco Production Company

3a. Address  
8 Inverness Drive East Ste 100 Englewood, Co 80112

3b. Phone No. (include area code)  
303-483-0044

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE of Section 19-T9S-R19E

5. Lease Serial No.  
UTU-76033

6. If Indian, Allottee, or Tribe Name  
NA

7. If Unit or CA, Agreement Name and/or No.  
NA

8. Well Name and No.  
Federal 32-19-9-19

9. API Well No.  
43-047-38466

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	<u>Change conductor depth</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

*Our original permit stated that we would set 200' of 13-3/8" H-40 48# conductor pipe. Gasco Production Company would like to change this to 40' of 13-3/8" H-40 48# conductor pipe. The pipe would be cemented using 50 sx of Premium Type 5 15.6 ppg 1.18 yield. Gasco will be installing a diverter for well control in the event of shallow gas or water shows.*

COPY SENT TO OPERATOR

Date: 2-21-2008

Initials: KS

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 2/20/08  
By: [Signature]

Federal Approval Of This  
Action Is Necessary

14. I hereby certify that the foregoing is true and correct.

Name (Printed Type)

Beverly Walker

Title

Engineering Technician

Signature

Date

February 6, 2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or representation to any officer or employee of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

FEB 08 2008

DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

FORM 6

**ENTITY ACTION FORM**

Operator: Gasco Production Co Operator Account Number: N 2575  
 Address: 8 Inverness Drive East, Ste 100  
city Englewood  
state Co zip 80112 Phone Number: (303) 483-0044

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738466	Federal 32-19-9-19	SWNE	19	9	19	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	16710	2/18/2008	2/28/08		
Comments: Spud Well <u>MNCS</u>						

CONFIDENTIAL

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Beverly Walker

Name (Please Print)

Signature

Engineering Technician

2/19/2008

Title

Date

(5/2000)

RECEIVED

FEB 19 2008

DIV. OF OIL, GAS &amp; MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

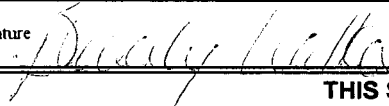
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-76033
2. Name of Operator Gasco Production Company		6. If Indian, Allottee, or Tribe Name NA
3a. Address 8 Inverness Drive East Ste 100 Englewood, Co 80112	3b. Phone No. (include area code) 303-483-0044	7. If Unit or CA. Agreement Name and/or No. NA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2043' FNL & 2133' FEL SW NE of Section 19-T9S-R19E		8. Well Name and No. Federal 32-19-9-19
		9. API Well No. 43-047-38466
		10. Field and Pool, or Exploratory Area Wildcat
		11. County or Parish, State Uintah County, Utah

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production ( Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Spud Well</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

*This well was spud on 2/18/2008*

14. I hereby certify that the foregoing is true and correct.	
Name (Printed/ Typed) Beverly Walker	Title Engineering Technician
Signature 	Date April 7, 2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**  
**APR 14 2008**  
**DIV. OF OIL, GAS & MINING**  
**DIV. OF OIL, GAS & MINING**



CONFIDENTIAL  
T09S R19E S-19  
43-049-38466

**GPS= N 40°01.08' W 109°49.28'**

Well: Fed 32-9-19			Permit Depth: 15,166		Prog Depth: 15,085		Date: 5/27/2008			Days since spud: 35		
Current: Operations: PREP RIG TO MOVE 5/28/2008												
Depth: 15105'		Prog: 0'		D Hrs: 0.0		ROP: 0.0		Formation: MANCOS TD				
DMC: \$8,200			TMC: \$321,000			TDC: \$152,400		CUM Cost		\$2,816,050		
Contractor: NABORS 99				Mud Co: MI DRLG FLUIDS		TANGIBLE COST			INTANGIBLE COST			
MW:	12.4	#1 F-1000 3.5 gal/stk		Bit #:		Conductor: \$ -		Loc, Cost: \$ -				
VIS:	43	SPM:		Size:		Surf. Csg: \$		Rig Move: \$ -				
PV/YP:	14/17	#2 F-1000 3.5 gal/stk		Type:		Int. Csg: \$ -		Day Rate: \$ 23,500				
Gel:	6/17	SPM:		MFG:		Prod Csg: \$		Rental Tools: \$ 5,000				
WL:	20	GPM :		S/N:		Float Equip: \$		Trucking: \$ 2,500				
Cake:	2	Press:		Jets:		Well Head: \$ -		Water: \$ 1,000				
Solids:	18	AV DC:		Depth out:		TBG/Rods: \$ -		Fuel: \$				
MBT:	12.5	AV DP:		Depth in:		Packers: \$ -		Casing Crew: \$ 21,500				
PH:	8.1	JetVel:		FTG:		Tanks: \$ -		CAMP \$ 350				
Pf/Mf:	.00/2.30	ECD:		Hrs:		Separator: \$ -		Cement \$ 84,950				
Chlor:	11000	SPR #1 :		FPH:		Heater: \$ -		Bit: # \$ -				
Ca:	40	SPR #2 :		WOB:		HANGER \$ 1,900		Mud Motors \$ -				
DAP/LCM	4/15	Btms. Up:		R-RPM:		Prime Mover: \$ -		Consultant: \$ 1,500				
Time Break Down:			Total D.T.		M-RPM:		Misc: \$ -		Drilling Mud, and DP chem. \$ 8,200			
START	END	TIME	56		Total Rot. Hrs:		315.0	Daily Total: \$ 1,900		Misc. / Labor: \$2,000		
6:00	06:30	.5	FINISH CHANGING OVER TO LONG BAILES						shaker screens \$ -			
6:30	09:00	2.5	RIH W/CSG & P/U LANDING TOOL & LAND OUT P/U 2'						Contingency Drlg \$ -			
9:00	10:00	1	CIRC. BOTTOMS UP GAS 4896 UNITS						LOGGING \$			
10:00	10:30	.5	R/U SCHLUMBERGER CMT HEAD						Daily Total: \$125,900			
10:30	11:30	1	CONTINUE CIRC. WITH RIG PUMPS THRU CMT HEAD						BHA			
11:30	12:00	.5	HOLD PRE JOB SAFETY MEETING & TEST CMT LINES TO 6000 PSI OK.									
12:00	15:00		PUMP 20 BBLS CW100 & 60 BBLS H2O SPACER. LEAD SLURRY VOL 84.91 YIELD=2.22									
			H2O=10.82 GL/SK @ 12.5 PPG. 1190 SKS "G" + ADDS GOOD RETURNS. 1ST TAIL SLURRY									
			YIELD=1.53 H2O=7.026 GL/SK @ 14.1 PPG 800 SKS 50/50 POZ "G" + ADDS GOOD RETURNS.									
			2ND TAIL SLURRY 490 SK 50/50 POZ + GAS BLOCK GOOD RETURNS YIELD=1.54 H2O=6.93 @									
			14.1 PPG. LOST RETURNS AROUND END OF TAIL. DROP PLUG & START DISPLACEMENT									
			FEW RETURNS BUMP PLUG. END OF DISPLACEMENT @ 224 BBLS PRESS 4100 PSI BUMP									
			PLUG TO 4800 PSI & FLOAT HELD 2.5 BBLS BACK EST TOP OF CMT @ 2,535'									
15:00	21:00	6	CLEAN MUD PITS & RELEASE RIG AT 21:00 HOURS									
21:00	06:00	9	NIPPLE DOWN BOP'S									
Total Hours			24	Depth		Feet To Go		Depth		Feet To Go		
			Wasatch	5525'	-9580'	Sunnyside	12305'	-2800'				
			Mesaverde	9385'	-5720'	Kenilworth	12535'	-2570'				
			Lower Measverd	10935'	-4170'	Aberdeen	12645'	-2460'				
			Castlegate	11875'	-3230'	Spring cany	12785'	-2320'	TOTAL BHA = 0.00			
			Desert	12095'	-3010'	Mancos	12915'	-2190'	Survey 14,200 2.25			
			Grassy	12205'	-2900'	TD	15085'	-20'	Survey 15,105 2.5			
P/U	335	FLARE DRLG:		N/A	VENT	YES	GAS BUSTER	NO	BKG GAS N/A			
S/O	281	FLARE TRIP:		8'	BOILER	N/A	DEGASSER	YES	CONN GAS N/A			
ROT.	295	LAST CSG. RA		8-5/8"	SET @	3,535	KB 25.6	PEAK GAS		5300		
FUEL	Used:	820	ON HAND		9,914	Co.Man	JIM WEIR	TRIP GAS		N/A		
BIT #	8	ICS		OCS	DC	LOC	B/S	G	ODC	RP		
CONDITION		0		1	WT	N	X	I	CT	TD		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

CONFIDENTIAL

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

5. Lease Serial No.

UTU-76033

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry ☐ Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator  
**Gasco Production Company**  
3. Address  
**8 Inverness Drive East Suite 100, Englewood, Colorado 80112**  
3a. Phone No. (include area code)  
**303-483-0044**

4. Location of Well (Report locations clearly and in accordance with Federal requirements) \*  
At surface **2043' FNL & 2133' FEL SW NE**  
At top prod. interval reported below **same**  
At total depth **same**

14. Date Spudded **02/18/08**  
15. Date T.D. Reached **02/18/08**  
16. Date Completed **06/11/08**  
☒ D & A ☐ Ready to Prod.

18. Total Depth: MD **40** TVD **40**  
19. Plug Back T.D.: MD **0** TVD **0**  
20. Depth Bridge Plug Set: MD **NA** TVD **NA**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**None**  
22. Was well ☒ No ☐ Yes (Submit copy)  
Was DST run? ☒ No ☐ Yes (Submit copy)  
Directional ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24"	16" H40	65#	0	40		Ready Mix w/returns to surface			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) NA						
B)						
C)						
D)						
E)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) NA						
B)						
C)						
D)						
E)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						NA - Plugged
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	

28b.

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval E

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments.

1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geologic Report      3. DST Report      4. Directional Survey  
5. Sundry Notice for plugging and cement verification      5. Core Analysis      7. Other:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Beverly Walker Title Engineering TechnicianSignature Beverly Walker Date 6/26/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76033
2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 8 INVERNESS DR E, #100 CITY ENGLEWOOD STATE CO 80112		7. UNIT or CA AGREEMENT NAME: NA
PHONE NUMBER: (303) 483-0044		8. WELL NAME and NUMBER: Federal 32-19-9-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2043' FNL & 2133' FEL		9. API NUMBER: 4304738466
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 19 9S 19E		10. FIELD AND POOL, OR WILDCAT: Riverbend

COUNTY: Uintah

STATE: UTAH

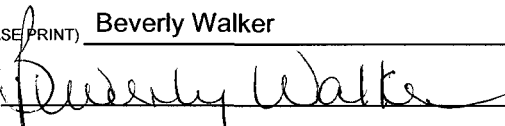
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well was spud on 2/18/2008 and drilled a 24" hole to a depth of 40' - 16" conductor pipe was ran and cemented in place with Class G cement. On 4/13/2008 a rig skid occurred and the original hole was plugged with 5 sx of class g cement with full returns to surface. On 6/11/2008 (after an inspection by the BLM that this well was in fact cemented to surface) A metal plate, indicating the well name, location, and operator, was permanently welded onto the top of the casing.

RECEIVED  
JUN 27 2008  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Beverly Walker	TITLE Engineering Technician
SIGNATURE 	DATE 6/26/2008

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED  
OMB No. 1004- 0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

5. Lease Serial No.	UTU-76033
6. If Indian, Allottee, or Tribe Name	NA
7. If Unit or CA. Agreement Name and/or No.	NA
8. Well Name and No.	Federal 32-19X-9-19
9. API Well No.	43-047-40235 38466
10. Field and Pool, or Exploratory Area	Wildcat
11. County or Parish, State	Uintah County, Utah

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Gasco Production Company	
3a. Address 8 Inverness Drive East Ste 100 Englewood, Co 80112	3b. Phone No. (include area code) 303-483-0044
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2043' FNL & 2133' FEL SW NE of Section 19-T9S-R19E	

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production ( Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Spud Well
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

*This well was spud on 2/18/2008*

RECEIVED  
AUG 11 2008  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Beverly Walker

Title

Engineering Technician

Signature

Date

August 5, 2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)